

CLAIMS

1. An identification information recording method comprising reading first identification information from an auxiliary recording region of a recording medium including the auxiliary storing region in which writing of content data is prohibited and a main storing region in which the content data can be written; and recording second identification information corresponding to the read first identification information into the main storing region.
2. The identification information recording method according to Claim 1, wherein the first identification information is recorded as sub-code information.
3. The identification information recording method according to Claim 1, wherein the second identification information is equal to the first identification information.
4. The identification information recording method according to Claim 1, wherein the recording medium is a disc-shaped recording medium including a lead-in region that is arranged in a position read before the main recording region, and wherein the auxiliary region is arranged inside the lead-in region.
5. The identification information recording method according to Claim 1, wherein the second identification information is recorded when the content data is recorded in

the main recording region.

6. The identification information recording method according to Claim 1, wherein the recording medium includes a management information region that is arranged in a position read before the main recording region and that records management information for managing the content data recorded in the main recording region, and

wherein when recording of the content data into the main recording region terminates, the first identification information is recorded in the management region.

7. An identification information recording method, wherein first identification information is recorded in an auxiliary recording region of a recording medium including the auxiliary recording region in which writing of content data is prohibited and a main recording region in which the content data can be written, and

wherein second identification information corresponding to the first identification information is recorded in the main recording region.

8. The identification information recording method according to Claim 7, wherein the first identification information is random data.

9. The identification information recording method according to Claim 7, wherein after recording the first identification information into the auxiliary recording

region, the content data is recorded in the main recording region.

10. The identification information recording method according to Claim 9, wherein the recording medium includes

5 a management information region that is arranged in a position read before the main recording region and that records management information for managing the content data recorded in the main recording region, and

wherein when recording of the content data into the
10 main recording region terminates, the first identification information recorded in the auxiliary recording region is recorded in the management information region.

11. An identification information recording method, wherein when first identification information is already recorded in

15 an auxiliary recording region of a recording medium including the auxiliary recording region in which writing of content data is prohibited and a main recording region in which the content data can be written, the first identification information is read from the auxiliary region
20 and second identification information corresponding to the first identification information is recorded in the main recording region, and

wherein when the first identification information is not recorded in the auxiliary recording region, recording of
25 the content data into the recording region is prohibited.

12. An identification information recording method, wherein content data is encrypted in accordance with first identification information recorded in an auxiliary recording region of a recording medium including the auxiliary recording region in which writing of the content data is prohibited and a main recording region in which the content data can be written, and

wherein the encrypted content data and second identification information corresponding to the first identification information are recorded in the main recording region.

13. An identification information recording method, wherein when information is recorded in a recording medium including an auxiliary recording region in which writing of content data is prohibited and a main recording region in which the content data can be written, in a case where first identification information is recorded in the auxiliary recording region, the content data is encrypted, and the encrypted content data and second identification information corresponding to the first identification information are recorded in the main recording region.

14. An information recording/playback apparatus comprising: recording/playback means for recording or playing back information in or from a recording medium including an auxiliary recording region in which writing of content data

is prohibited and a main recording region in which the content data can be written; and

recording/playback control means for controlling the recording/playback means to play back first identification information from the auxiliary recording region or to record second identification information corresponding to the played-back first identification information into the main recording region.

15. The information recording apparatus according to Claim 10 14, wherein the recording control means alternately performs a recording operation of the content data into the main recording region and a recording operation of the second identification information into the main recording region.

16. An information recording apparatus comprising:

15 identification information generation means for generating first identification information;

recording means for recording information into a recording medium including an auxiliary recording region in which recording of content data is prohibited and a main recording region in which the content data can be recorded; 20 and

recording control means for controlling the recording means to record the first identification information into the auxiliary recording region and to record second 25 identification information corresponding to the first

identification information into the recording region.

17. The information recording apparatus according to Claim 16, wherein the identification information generation means includes a random number generation unit.

5 18. The information recording apparatus according to Claim 16, comprising encryption means for encrypting the content data in accordance with any one of the first and second identification information, wherein

the recording control means controls the recording
10 means to record the content data encrypted by the encryption means into the main recording region.

19. A recording medium, wherein first identification information is recorded in an auxiliary recording region in which writing of content data is prohibited, and wherein the
15 content data and second identification information corresponding to the first identification information are recorded in a main recording region in which the content data can be written.

20. The recording medium according to Claim 19, wherein the
20 first identification information is recorded in the auxiliary recording region as sub-code.

21. The recording medium according to Claim 19, wherein the second identification information is recorded in the main recording region as sub-code.

25 22. The recording medium according to Claim 19, wherein the

recording medium is a disc-shaped recording medium, and wherein the auxiliary region is arranged inside a lead-in region.

23. The recording medium according to Claim 19, wherein the
5 recording medium includes a management information region that is arranged in a position read before the recording region and that records management information for managing the content data recorded in the recording region, and
wherein the first identification information recorded
10 in the auxiliary recording region is recorded in the management region.

24. The recording medium according to Claim 19, wherein the auxiliary recording region is a PMA region.

25. An information playback method comprising:
15 reading first identification information from an auxiliary recording region of a recording medium including the auxiliary recording region in which writing of content data is prohibited and a main storing region in which the content data can be written and reading the second
20 identification information from the main recording region;
comparing the first identification information with the second identification information; and
outputting the content data read from the main
recording region when the first identification information
25 corresponds to the second identification information.

26. The information playback method according to Claim 25, wherein when the first identification information does not correspond to the second identification information from the comparison, outputting the content data read from the main recording region is prohibited.

27. The information playback method according to Claim 25, wherein when the first identification information does not correspond to the second identification information from the comparison, the content data read from the main recording region is output with a reduced quality.

28. An information playback method comprising:

reading first identification information from an auxiliary recording region of a recording medium including the auxiliary recording region in which writing of content data is prohibited and a main recording region in which the content data can be written and reading second identification information from the main recording region;

comparing the read first identification information with the read second identification information; and

decoding encrypted content data recorded in the main recording region in accordance with the first identification information.

29. An information playback apparatus comprising:

playback means for playing back a recording medium including an auxiliary recording region in which writing of

content data is prohibited and a main recording region in which the content data can be written;

output means for outputting the content data played back from the main recording region by the playback means;

5 and

output control means for controlling the output means to output the content data played back from the main recording region when the first identification information and the second identification information played back by the playback means are compared with each other and the first identification information corresponds to the second identification information.

30. The information playback apparatus according to Claim 29, wherein the output control means prohibits outputting the content data played back from the main recording region when the first identification information does not correspond to the second identification information.

31. The information generation apparatus according to Claim 29, wherein the output control means outputs the content data played back from the main recording region with a reduced quality when the first identification information does not correspond to the second identification information.

32. An information playback apparatus comprising:

playback means for playing back a recording medium including an auxiliary recording region that is not capable

of recording content data and a main recording region that is capable of recording the content data;

decoding means for decoding encrypted content data; and

decoding control means for controlling the decoding

5 means to decode the encrypted content data played back from the main recording region in accordance with any one of first identification information and second identification information when the first identification information played back from the auxiliary region is compared with the second
10 identification information played back from the main recording region and the first identification information corresponds to the second identification information.